

ABSTRACT

Methods and apparatus are provided for changing the rate of time-discrete signals.

When changing the rate or for the interpolation of time-discrete input values (x_n), output

5 values (y_k) of an output signal are produced. If the frequency of the output signal is

greater than the frequency of the input signal and the shape of the output signal

essentially corresponds to the shape of the input signal, according to the invention the

difference between a first and a second input value (x_n, x_{n-1}) subsequent to this is

determined, interpolation values ($P_0 \dots P_N$) of an interpolation progression (p) are

10 scaled in dependence on the difference determined and output values (y_k) in each case

are produced by addition of the first input value (x_n) to a scaled interpolation value

($P_0 \dots P_N$).